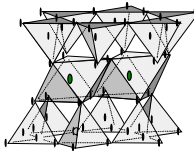


Functional Minerals Specialty Additives



CERATOSIL® WGD fein ist ein weißer, hellbrennender und feingemahlener Calciumbentonit mit niedrigen Gehalten an farbgebenden Salzen (Fe_2O_3 , TiO_2 , MnO_2). Er entfaltet seine plastifizierende, stabilisierende und formgebende Wirkung in Feinkeramiken, Glasuren und weiteren farbempfindlichen sowie „alkalimetallsensiblen“ Massen. Extrusionsverhalten und Herstellprozess werden optimiert.

TPYISCHE EIGENSCHAFTEN

Farbe	signalweiss
Form	Pulver
Feuchte	5 - 12 %
Schüttdichte	$380 \pm 80 \text{ kg/m}^3$
Methylenblau-Adsorption	$300 \pm 50 \text{ mg/g}$
Quellvolumen (H_2O dest.)	min. 6 ml/2g
Enslin-Neff	min. 250 %
pH-Wert	$8,5 \pm 1$
Siebrückstand (25 μm , nass)	max. 1 %
Weißgrad (Elrepho, R 457nm), sehr geringer Gehalt an M_2O	ca. 82 %

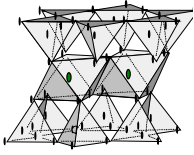
Clariant Produkte (Deutschland) GmbH
BU FUNCTIONAL MINERALS
DPS EMEA, Specialty Additives

Ostenrieder Str. 15
85368 Moosburg
Germany

Dr. Albert Stützer
Phone +49 (0) 8761 82 645
Fax +49 (0) 8761 82 512
albert.stuetzer@clariant.com

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Functional Minerals Specialty Additives



CERATOSIL® WGD fein

VERPACKUNG	MINERALISCHE ZUSAMMENSETZUNG		
in Big-Bags oder	Hauptmineral	Montmorillonite	
in Säcken	Begleitminerale	Cristobalit	ca. 3 – 5 %
		Feldspat	ca. 1 – 3 %
		Calcit	ca. 1 - 3 %

CHEMISCHE ZUSAMMENSETZUNG

SiO ₂	72,40%
Al ₂ O ₃	14,30%
TiO ₂	0,12%
Fe ₂ O ₃	1,00%
MgO	1,90%
CaO	2,40%
Na ₂ O	0,27%
K ₂ O	0,34%
MnO ₂	0,02%
Glühverlust (1000°C)	6,30%
Fluorid	0,05%

Die angegebenen Werte der Nebenbestandteile können aufgrund natürlicher Streuungen der Rohmaterialien um bis zu ± 20% schwanken.

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Clariant Produkte (Deutschland) GmbH
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DPS EMEA, Specialty Additives

Ostenrieder Str. 15
85368 Moosburg
Germany

Dr. Albert Stützer
Phone +49 (0) 8761 82 645
Fax +49 (0) 8761 82 512
albert.stuetzer@clariant.com

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